

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/02632

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C07D261/08, 413/04, 413/12, 417/04, 417/12, 413/06,
A01N43/80, 47/12, 47/18, 47/22, 47/28, 47/30, 47/32,
47/36, 47/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C07D261/08, 413/04, 413/12, 417/04, 417/12, 413/06,
A01N43/80, 47/12, 47/18, 47/22, 47/28, 47/30, 47/32,
47/36, 47/38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1992-1996 Jitsuyo Shinan Toroku Koho 1996-2002
Kokai Jitsuyo Shinan Koho 1971-2002 Toroku Jitsuyo Shinan Koho 1994-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
REGISTRY (STN), CAPLUS (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X A | US 4109002 A (Eli Lilly and Co.), 22 August, 1978 (22.08.78), Claims; example 14 & DE 2723688 A & FR 2354708 A & GB 1580162 A & JP 52-154525 A | 1, 2, 10, 11 3-9 |
| X A | PEI, Y. et al., Regioselective Syntheses of 3-Aminomethyl-5-substituted Isoxazoles: A Facile and Chemoselective Reduction of Azide to Amine by Sodium Borohydride Using 1,3-Propanedithiol as A Catalyst., Tetrahedron Letters, 1993, Vol.34, No.47, pages 7509 to 7512, Compound 13a, 13b | 1, 2 3-11 |

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

| | |
|---|--|
| * Special categories of cited documents: | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "E" earlier document but published on or after the international filing date | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "&" document member of the same patent family |
| "O" document referring to an oral disclosure, use, exhibition or other means | |
| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search
24 April, 2003 (24.04.03)

Date of mailing of the international search report
20 May, 2003 (20.05.03)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/02632

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| X | CHIARINO, D. et al., A CONVENIENT SYNTHESIS OF MUSCIMOL BY A 1,3-DIPOLAR CYCLOADDITION REACTION, Tetrahedron Letters, 1986, Vol.27, No.27, pages 3181 to 3182, Compound 4 | 1,2 |
| X | GOMBOS, Z. et al., Synthesis of Some New Isoxazolylic Acid Derivatives, J.CHEM.SOC.PERKIN TRANS. 1, 1993, No.1, pages 139 to 143, Compounds 14, 15 | 1,2 |
| X | SEWALD, N. et al., Synthese 2-Heteroaryl-substituierter 3,3,3-Trifluoralanin- und 3,3,3-Trifluormilchsaure-Derivate, Liebigs Annalen der chemie, 1992, No.9, pages 947 to 952, Compound 3 | 1,2 |
| A | GB 2114566 A (Sandoz Ltd.), 24 August, 1983 (24.08.83), Full text & DE 3303388 A & FR 2523967 A & JP 58-148868 A | 1-11 |
| A | EP 10166 A1 (BAYER AG.), 30 April, 1980 (30.04.80), Full text & DE 2842315 A & JP 55-45698 A | 1-11 |
| A | EP 761654 A1 (American Cyanamid Co.), 12 March, 1997 (12.03.97), Full text & US 5780393 A | 1-11 |